



GP 2661

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): WEISKE, et al. ATTY. DKT. NO: P01,0059  
APP. NO: 09/807,766 GAU: 2661  
FILED: APR 18, 2001 EXMR: (Not yet assigned)  
TITLE: METHOD FOR CHANNEL-BY-CHANNEL ADJUSTMENT OF  
TRANSMITTED SIGNAL POWER LEVELS IN AN OPTICAL  
WAVELENGTH-DIVISION MULTIPLEX TRANSMISSION  
SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

**RECEIVED**  
AUG 13 2001  
Technology Center 2600

Sir:

Applicants hereby request that citation and examination of the following documents be made during the course of examination of the captioned application for United States Letters Patent:

Reference AA	US	5,790,289	AUG 4, 1998
Reference AB	US	5,815,299	SEP 29, 1998
Reference AJ	EP	0 734 129 A2	25 SEP 1996
Reference AK	EP	0 865 173 A2	16 SEP 1998
Reference AL	DE	195 38 753 A1	24 APR 1997
Reference AM	DE	196 21 566 A1	4 DEC 1997
Reference AQ	CHRAPLYVY, et al.; EQUALIZATION IN AMPLIFIED WDM LIGHTWAVE TRANSMISSION SYSTEMS; IEEE Photonics Technology Letters, Vol. 4, No. 8; AUG 1992; pp. 920 – 922.		

**EXPLANATION OF RELEVANCE**

Reference AA discloses a method and apparatus for WDM optical communication with a pre-emphasis technique.

Reference AB discloses a method and system for equalizing power levels of channels of a received optical frequency division multiplexed signal.

Reference AJ discloses a multi-wavelength optical batch amplification apparatus.

Reference AK discloses a remotely pumped type multi-wavelength light transmission system.

Reference AL discloses a method for controlling fiber-optic transmission line signal level, using at least one auto-active optical level setter in the transmission line and operated according to a switching element of the optical switch.

Reference AQ discusses techniques for solving "gain equalization" problems in amplified wavelength-multiplexed lightwave transmission systems.

A copy of each reference, along with a completed Form PTO-1449, are submitted herewith.

This Information Disclosure Statement is being submitted before mailing of the first Office Action on the merits. Thus, no fee payment is required.

All claims of this application are submitted to be patentable over the teachings of the cited references, taken singularly or in any reasonable combination. Hence, early and favorable consideration of the application is earnestly solicited.

Respectfully submitted,

  
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**Customer Number: 26574**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on August 6, 2001.

  
Attorney for Applicants

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.:  
P01,0059Serial No.  
09/807,766Applicant(s):  
WEISKE, et al.Filing Date  
April 18, 2001Group Art Unit  
2661LIST OF PRIOR ART CITED BY APPLICANT  
(use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA	5,790,289	04 AUG 1998	TAGA, et al.			
	AB	5,815,299	29 SEP 1998	BAYART, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ	EP 0 734 129	25 SEP 1996	EPO			X	
	AK	EP 0 865 173	16 SEP 1998	EPO			X	
	AL	DE 195 38 753	24 APR 1997	Germany				X
	AM	DE 196 21 566	04 DEC 1997	Germany				X
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	A.R. CHRAPLYVY, et al., IEEE Photonics Technology Letters, Vol. 4, No. 8, August 1992 EQUALIZATION IN AMPLIFIED WDM LIGHTWAVE TRANSMISSION SYSTEMS; pgs. 920-922
	AR	
	AS	
	AT	
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	AW	
	AX	
	AY	
	AZ	

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.